

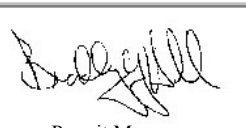
STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

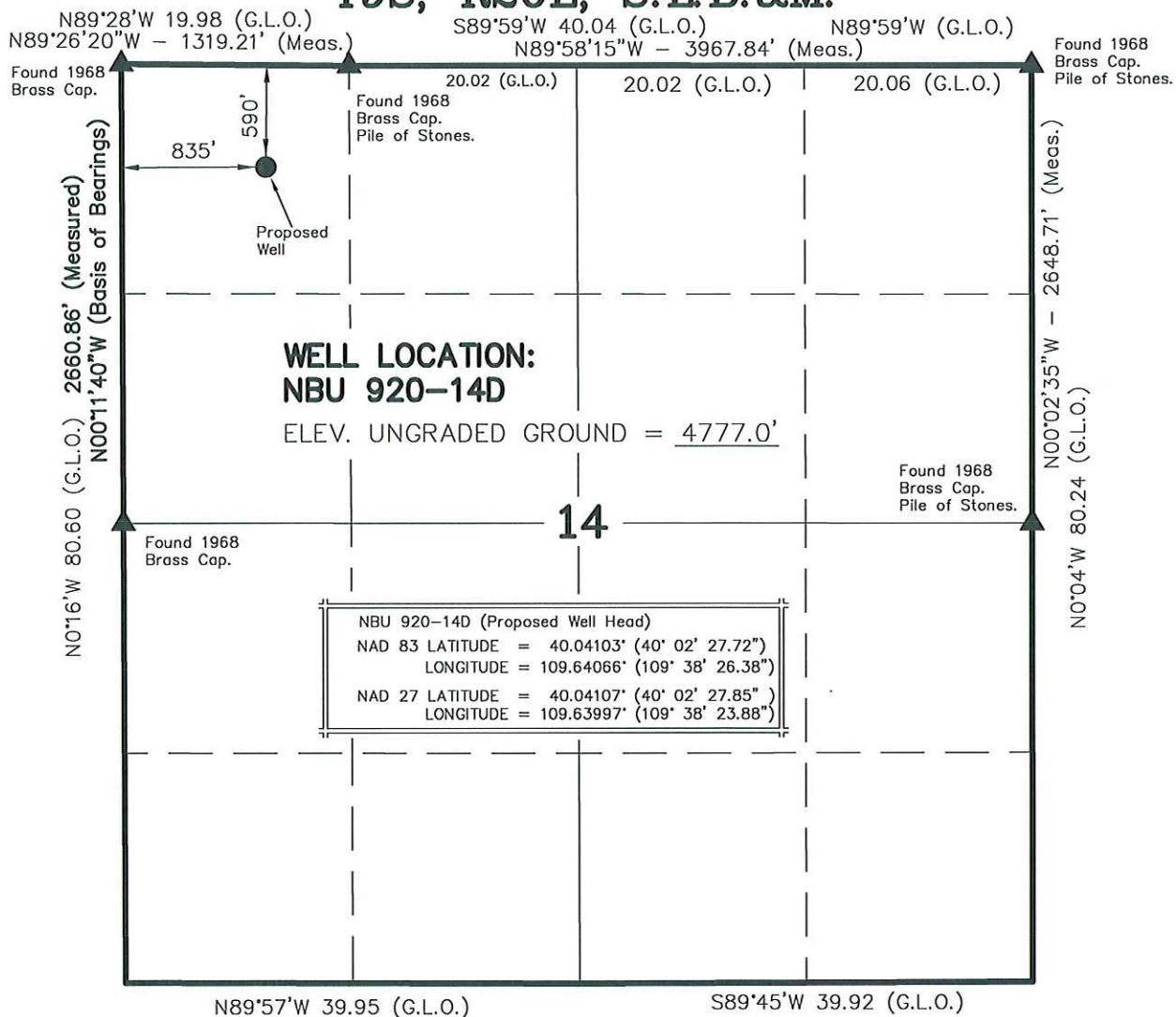
AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL				1. WELL NAME and NUMBER NBU 920-14D		
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				3. FIELD OR WILDCAT NATURAL BUTTES		
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO				5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES		
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.				7. OPERATOR PHONE 720 929-6587		
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217				9. OPERATOR E-MAIL mary.mondragon@anadarko.com		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-0577A		11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')				14. SURFACE OWNER PHONE (if box 12 = 'fee')		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')				16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Ute		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	590 FNL 835 FWL	NWNW	14	9.0 S	20.0 E	S
Top of Uppermost Producing Zone	590 FNL 835 FWL	NWNW	14	9.0 S	20.0 E	S
At Total Depth	590 FNL 835 FWL	NWNW	14	9.0 S	20.0 E	S
21. COUNTY UINTAH		22. DISTANCE TO NEAREST LEASE LINE (Feet) 590		23. NUMBER OF ACRES IN DRILLING UNIT 2091		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2000		26. PROPOSED DEPTH MD: 10800 TVD:		
27. ELEVATION - GROUND LEVEL 4777		28. BOND NUMBER WYB000291		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Permit #43-8496		

ATTACHMENTS**VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP
NAME Kevin McIntyre	TITLE Regulatory Analyst I
SIGNATURE	DATE 09/25/2008
API NUMBER ASSIGNED 43047501450000	PHONE 720 929-6226
APPROVAL	EMAIL Kevin.McIntyre@anadarko.com
 Permit Manager	

T9S, R20E, S.L.B.&M.



NOTES:

 = Section Corners Located

1. Well footages are measured at right angles to the Section Lines.
2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
3. Bearings are based on Global Positioning Satellite observations.
4. Basis of elevation is the Northwest Corner of Section 12, T9S, R20E, S.L.B.&M. The elevation of this Section Corner is shown on the Ouray SE 7.5 Min. Quadrangle as being 4676'.

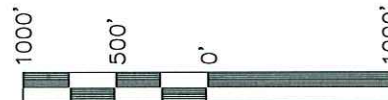


Kerr-McGee
Oil & Gas Onshore, LP

1099 18th Street - Denver, Colorado 80202

NBU 920-14D
WELL PLAT
590' FNL, 835' FWL
NW $\frac{1}{4}$ NW $\frac{1}{4}$ OF SECTION 14, T9S, R20E,
S.L.B.&M. UINTAH COUNTY, UTAH.

CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182



SCALE

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 6028691

JOHN R. SLAUGH
REGISTERED LAND SURVEYOR
REGISTRATION No. 36225
STATE OF UTAH

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.

38 WEST 100 NORTH - VERNAL, UTAH 84078

DATE SURVEYED:
06-27-08

SURVEYED BY: M.S.B.

SHEET

DATE DRAWN:
07-08-08

DRAWN BY: B.R.B.

1

SCALE: 1" = 1000'

Date Last Revised:

OF 9

WELL PAD LEGEND

● WELL LOCATION

--- EXISTING CONTOURS (1' INTERVAL)

--- PROPOSED CONTOURS (1' INTERVAL)

WELL PAD NBU 920-14D QUANTITIES

EXISTING GRADE @ LOC. STAKE = 4,777.0'

FINISHED GRADE ELEVATION = 4,776.3'

CUT SLOPES = 1.5:1

FILL SLOPES = 1.5:1

TOTAL CUT FOR WELL PAD = 2,095 C.Y.

TOTAL FILL FOR WELL PAD = 1,457 C.Y.

TOPSOIL @ 6" DEPTH = 2,883 C.Y.

TOTAL DISTURBANCE = 3.57 ACRES

SHRINKAGE FACTOR = 1.15

SWELL FACTOR = 1.00

RESERVE PIT CAPACITY (2' OF FREEBOARD)

+/- 25,880 BARRELS

RESERVE PIT VOLUME

+/- 7,185 CY

BACKFLOW PIT CAPACITY (2' OF FREEBOARD)

+/- 8,780 BARRELS

BACKFLOW PIT VOLUME

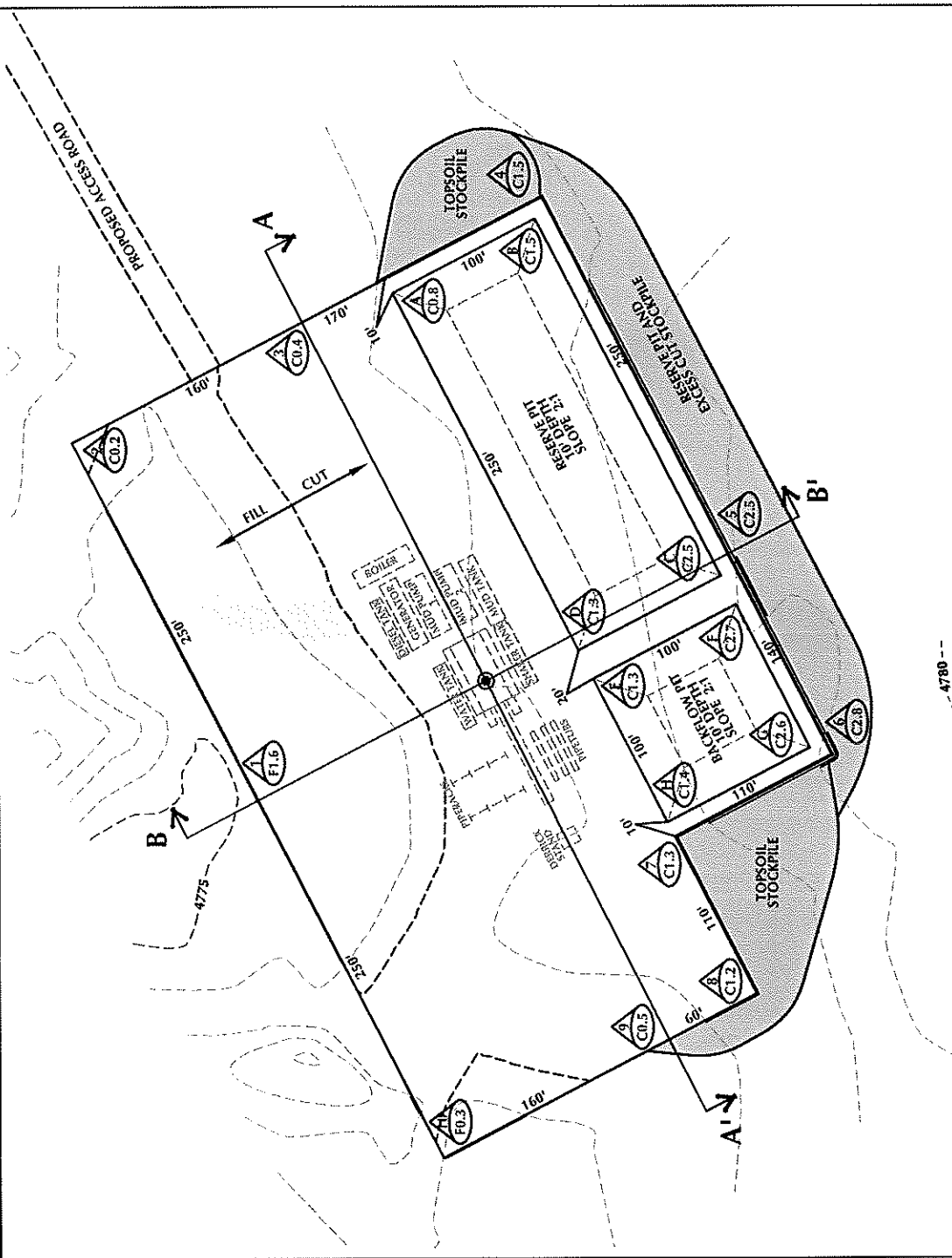
+/- 2,520 CY



HORIZONTAL 0 50 100' 1" = 100'

1' CONTOURS

Timberline
Engineering & Land Surveying, Inc.
(435) 789-1365
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KERR-MCGEE OIL & GAS

ONSHORE L.P.

1099 18th Street - Denver, Colorado 80202

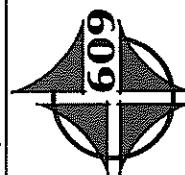
NBU 920-14D

WELL PAD - LOCATION LAYOUT

590' FNL, 835' FWL

NW1/4NW1/4, SECTION 14, T.9S., R.20E.

S.L.B.&M., Uintah County, UTAH



609 CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

Scale: 1"=100' Date: 8/29/08 SHEET NO:

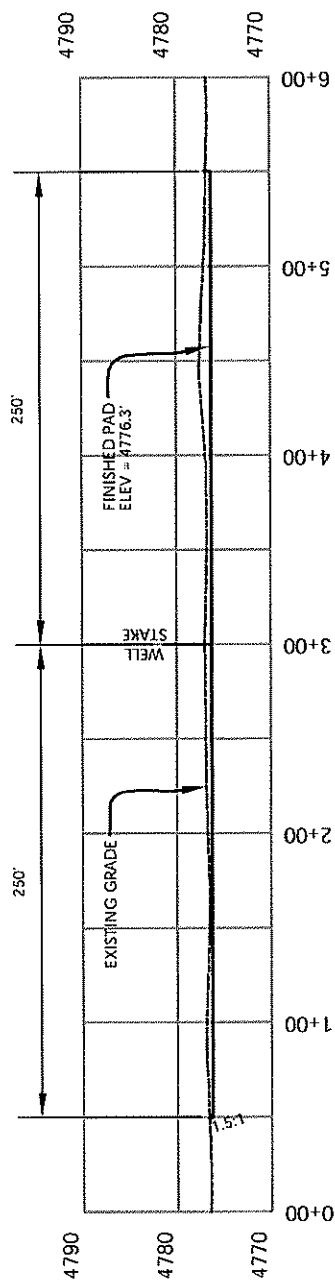
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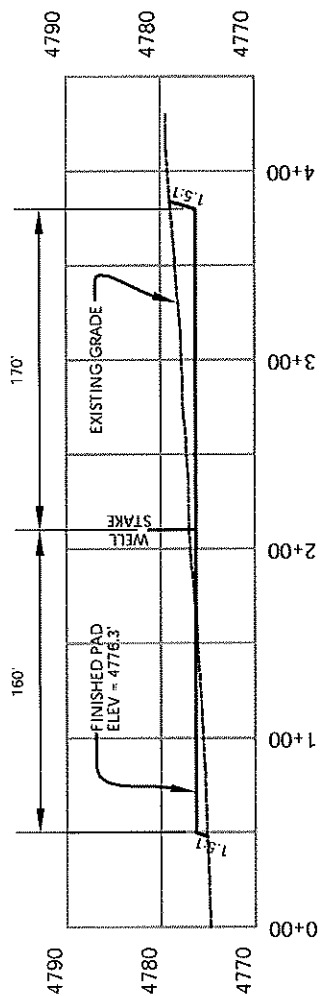
BY

DATE

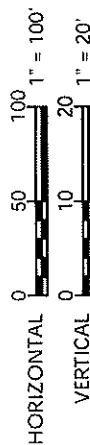
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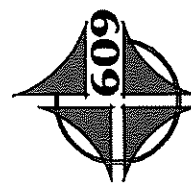
CROSS SECTION A-A'



CROSS SECTION B-B'



Timberline
Engineering & Land Surveying, Inc.
3B WEST 100 NORTH
VERNAL, UTAH 84078
(435) 789-1365



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Fax 307-674-0182

KERR-MCGEE OIL & GAS
ONSHORE L.P.

1099 18th Street - Denver, Colorado 80202

NBU 920-14D

WELL PAD - CROSS SECTIONS
590' FNL, 835' FWL

NW1/4NW1/4, SECTION 14, T.9S., R.20E.
S.L.B.&M., UINTAH COUNTY, UTAH

Scale: 1"=100' Date: 8/29/08 SHEET NO:

REVISED: BY DATE 3 3 OF 9

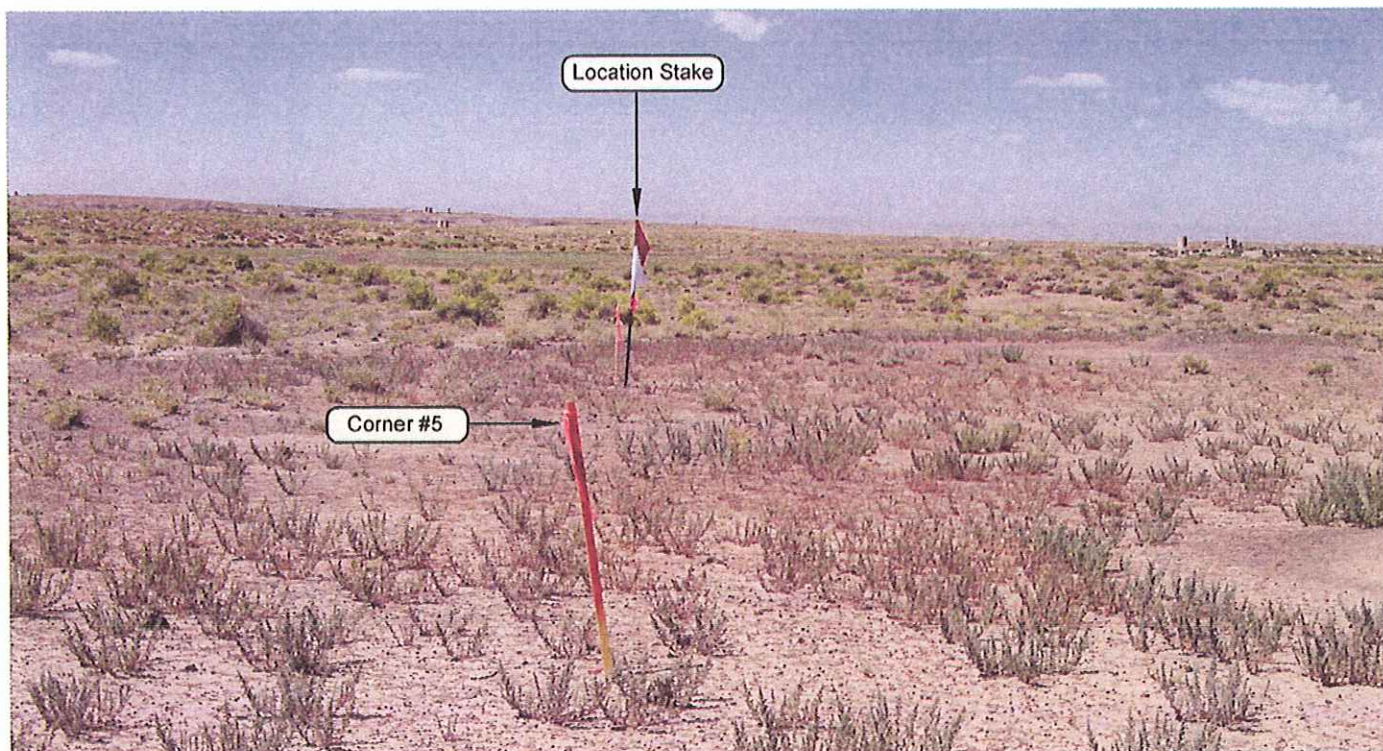


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY

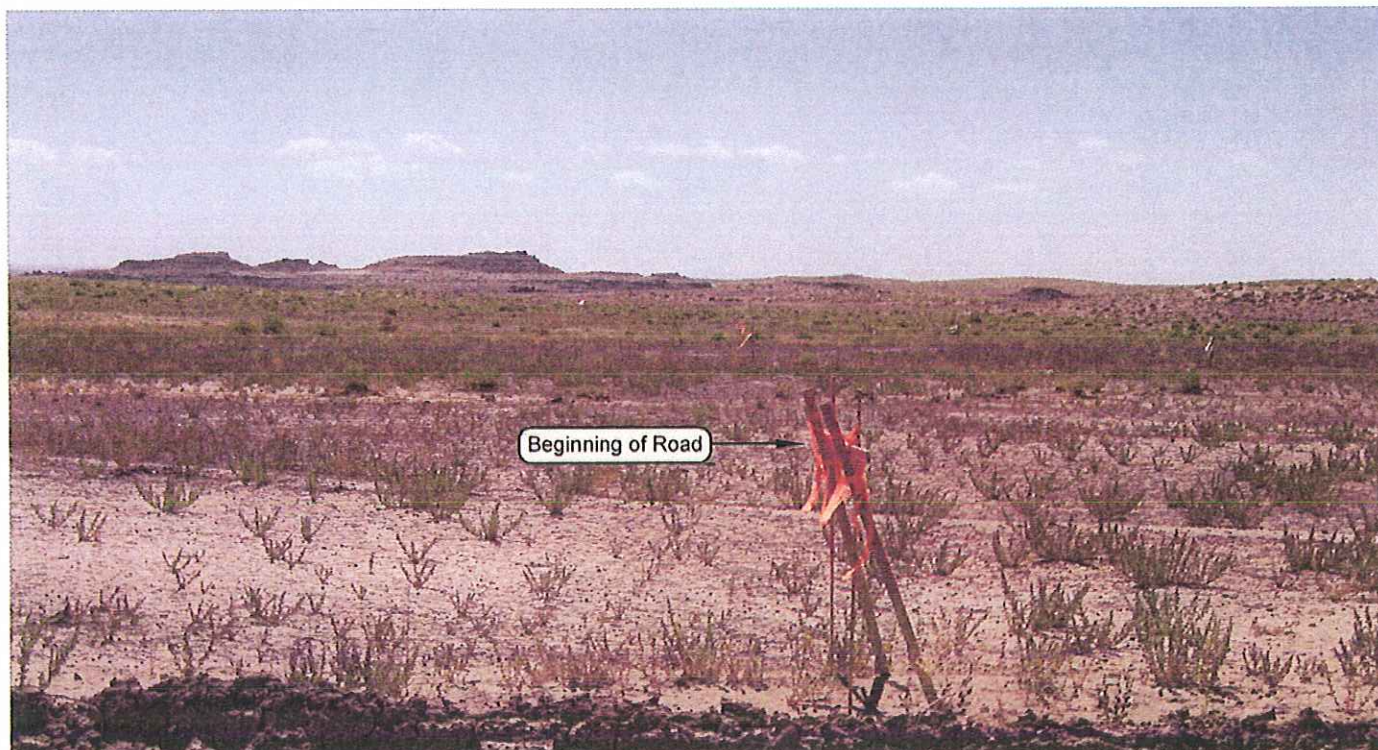


PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: SOUTHEASTERLY

Kerr-McGee
Oil & Gas Onshore, LP
 1099 18th Street - Denver, Colorado 80202

NBU 920-14D
 590' FNL, 835' FWL
 NW $\frac{1}{4}$ NW $\frac{1}{4}$ OF SECTION 14, T9S, R20E,
 S.L.B.&M. UINTAH COUNTY, UTAH.



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 Sheridan WY 82801
 Phone 307-674-0609
 Fax 307-674-0182

LOCATION PHOTOS

TAKEN BY: M.S.B.

DRAWN BY: B.R.B.

REVISED:

DATE TAKEN: 07-30-08

DATE DRAWN: 08-01-08

Timberline (435) 789-1365
 Engineering & Land Surveying, Inc.
 38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET
 4
 OF 9

Kerr-McGee Oil & Gas Onshore, LP
NBU 920-14D
Section 14, T9S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 13.9 MILES TO THE JUNCTION OF STATE HIGHWAY 88. EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 88 APPROXIMATELY 16.8 MILES TO OURAY, UTAH. FROM OURAY, PROCEED IN A SOUTHERLY DIRECTION ALONG THE SEEP RIDGE ROAD (COUNTY B ROAD 2810) APPROXIMATELY 5.3 MILES TO THE INTERSECTION OF AN EXISTING ROAD TO THE EAST. EXIT LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION ALONG EXISTING ROAD APPROXIMATELY 1.3 MILES TO THE INTERSECTION OF AN EXISTING ROAD TO THE NORTH. EXIT LEFT AND PROCEED IN A NORTHERLY THEN NORTHEASTERLY DIRECTION ALONG EXISTING ROAD APPROXIMATELY 1.7 MILES TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 415 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 39.1 MILES IN A SOUTHERLY DIRECTION.